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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Linlin Chen and Lyndon W. Graham

Application No.

09/931,268

Confirmation No.: 2230

Filed

August 16, 2001

For

AUTOMATED CHEMICAL MANAGEMENT SYSTEM

EXECUTING IMPROVED ELECTROLYTE ANALYSIS

METHOD

Art Unit

1743

Docket No.

291958183US

Client Ref. No. :

P01-0006

Commissioner for Patents Washington, DC 20231

The state of the s REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, William A. Freeman, declare that I am the Senior Vice President, Finance and CFO, of Semitool, Inc., the assignee of the entire interest. Documentary evidence of chain of title from the original owners to Semitool, Inc. has been filed with and recorded on December 20, 1999 by the United States Patent Office at Reel 0105400, Frame 0036.

All prior powers of attorney for this application are hereby revoked. The hereby appoints STEPHEN E. ARNETT, Registration No. 47,392; BARBARA B. COURTNEY, Registration No. 42,442; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; PETER J. DEHLINGER, Registration No. 28,006; LEEANN GORTHEY, Registration No. 37,337; RICHARD L. GREGORY, JR.,

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MAY - 6 2002

Date

Semitool, Inc.

William A. Freeman

Senior Vice President, Finance and CFO